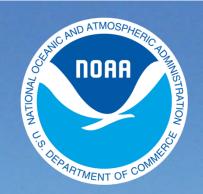
BookletChartTM

Behm Canal – Eastern Part NOAA Chart 17424



A reduced-scale NOAA nautical chart for small boaters When possible, use the full-size NOAA chart for navigation.



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



Published by the National Oceanic and Atmospheric Administration National Ocean Service Office of Coast Survey

<u>www.NauticalCharts.NOAA.gov</u> 888-990-NOAA

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart[™]?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=174 <a href="http://www.nauticalcharts.noaa.gov/nsd/searchbycharts.noaa



(Selected Excerpts from Coast Pilot)
Smeaton Bay enters Behm Canal from E
10 miles above Point Sykes (chart 17434)
and E of the S end of Smeaton Island. On
the S side of the entrance to the bay,
between Carp Island and Short Point, a
vessel can lie in summer in 19 fathoms,
hard bottom, protected from the summer
winds. Small vessels may find shelter close
to Short Point in 5 to 10 fathoms.
Numerous shoals and rocks are close to
Carp Island; foul ground extends about 0.3

mile from the NW side of the island. Another deep-draft anchorage may be found on the S side of the bay near the entrance to a small inlet 0.6 mile E of Short Point in 20 to 30 fathoms, hard bottom.

Seven miles from the entrance, the bay divides into **Wilson Armand Bakewell Arm**. A mining camp is on the S shore of Wilson Arm about 3.5 miles from the entrance. A floating pier is at the camp, and a private mooring buoy is NE of the camp.

Princess Bay, to the W of Smeaton Island, is open and exposed to the S. Deep water extends close to the shores, and depths in the bay are too great for anchorage. **Short Pass**, between the N end of Smeaton Island and **Wasp Point**, has a depth of 11 fathoms.

A private mooring buoy is about 0.8 mile NNW of Wasp Point. Small craft can find anchorage in the small bight in the W shore about 1 mile N of the S tip of **Sharp Point** (55°20.7'N., 131°01.4'W.) in 15 to 20 fathoms, hard bottom. This anchorage affords good protection from S and SE winds. Anchorage for small craft can be had in the bight to W of Sharp Point, depths ranging from 5 to 20 fathoms, hard bottom. In entering favor the W shore. Very small craft can find a land-locked anchorage in the bight on the W shore, about 1.5 miles SW of Sharp Point in 2 fathoms, soft bottom. This bight and the entrance are foul. Enter only on a rising tide with local knowledge, and use extreme caution.

Wasp Cove is on the W shore of Behm Canal, about 3 miles N of Smeaton Island. It affords anchorage for small craft in 5 to 7 fathoms, soft bottom, free from obstructions.

Shoalwater Pass is a narrow body of water that separates **Winstanley Island** from the mainland. The pass is divided into two separate anchorages, the N one being the better of the two, with depths of 5 to 33 fathoms, mud bottom. The S anchorage has depths of 12 to 27 fathoms, mud bottom. Small craft can pass through the narrows between the anchorages at high water. Candle Island is on the W side of the S entrance to the pass. A submerged rock with 3 feet over it is near the middle of the S entrance about 0.9 mile N of Candle Island. The bar at the N entrance has a depth of 9 feet and should not be crossed at low water except by small craft. A privately maintained mooring buoy is about 0.3 mile SW of the bar at the N entrance to the N anchorage. **Entrance Island**, which is fairly bold, may be passed on either hand in approaching the N entrance to Shoalwater Pass. Pass in midchannel between the highwater islet at the N end of Winstanley Island and Slag **Point**; then favor the mainland shore and proceed with caution until up with the wooded island on the Winstanley side of the channel. Leave this island to the W and select an anchorage S of it.

Checats Cove, on the E side of Behm Canal, is entered about 1.7 miles NNE of Winstanley Island between Edith Point on the N and Checats Point on the S. The cove affords anchorage for small vessels, protected from S winds, in about 8 to 10 fathoms, mud bottom, about 100 to 200 yards N of Checats Point. Strangers should select an anchorage at low water, as the flats extend for some distance and are then plainly visible. New Eddystone Rock (55°30.2'N., 130°56.2'W.), 20 miles above Point Sykes, is a remarkable shaft of rock, 230 feet high, rising from a sand shoal in the middle of the canal, with deep water surrounding it. It may be passed on either hand, keeping it at a distance of 0.5 mile to avoid the sand shoal. At the E extremity of the shoal is a small pinnacle rock that uncovers about 4 feet.

New Eddystone Islands are a group of islets and rocks, some of which cover; they extend for about 1.2 miles offshore NE of New Eddystone Rock. Small craft with local knowledge pass among these islands, but strangers should keep to W of them.

U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC Juneau Commander

17th CG District (907) 463-2000

Juneau, Alaska

Corrected through NM Oct. 24/09 Corrected through LNM Oct. 13/09

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

The prudent mariner will not rely solely or any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

Mercator Projection

Scale 1:80,000 at Lat 55° 20'

North American Datum of 1983 (World Geodetic System 1984)

SOUNDINGS IN FATHOMS AT MEAN LOWER LOW WATER

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual rada reflector identification on these aids has beer omitted from this chart.

The land is generally heavily wooded. The woods decrease in density with the elevation leaving the higher elevations bare.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations

Sukkwan I, AK	KZZ-89	162.425 MHz
Zarembo I, AK	KZZ-91	162.450 MHz
Gravina I, AK	KZZ-96	162.525 MHz
Duke I, AK	KZZ-92	162.450 MHz
Ketchikan, AK	WXJ-26	162.55 MHz

NOTE A

NOTE A

Navigation regulations are published in
Chapter 2, U.S. Coast Pilot 8. Additions or
revisions to Chapter 2 are published in the
Notice to Mariners. Information concerning
the regulations may be obtained at the Office
of the Commander, 17th Coast Guard District
in Juneau, Alaska, or at the Office of the District
Engineer, Corps of Engineers in Anchorage,
Alaska.
Refer to charted regulation saction numbers.

Refer to charted regulation section numbers.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.245" southward and 6.108" westward to agree with this chart.

POLITION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

Elevations of rocks, bridges, landmarks and lights are in feet and refer to Mean High Water. Contour and summi elevation values are in feet and refer to Mean Sea Level.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the U.S. Coast Guard.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, <u>United States Coast Pilot.</u>

International Regulations for Preventing Collisions at Sea, 1972. The entire area of this chart falls seaward of the COLREGS Demarcation Line

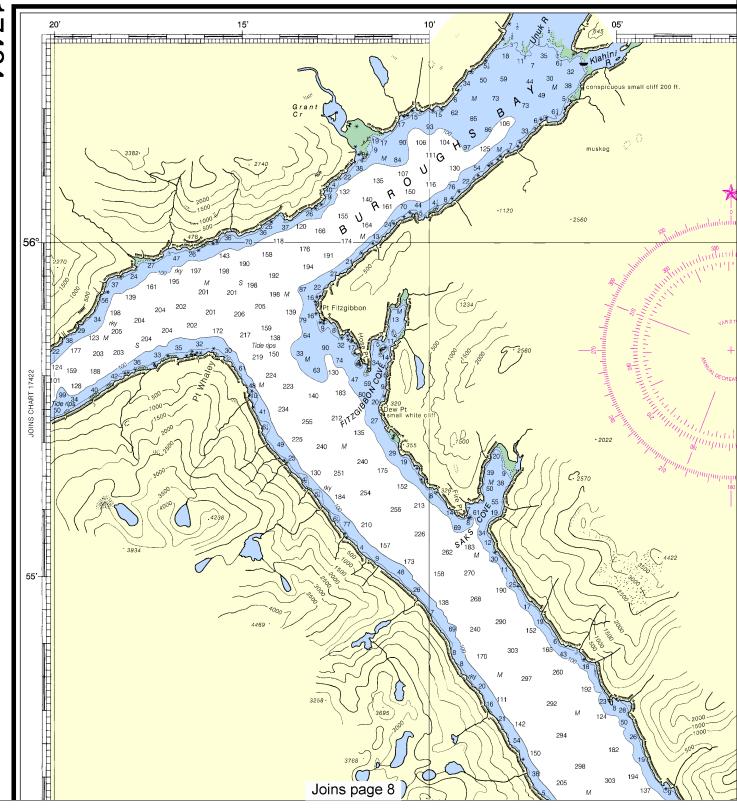
Table of Selected Chart Notes

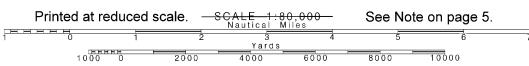
ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.) R TR radio tower Rot rotating s seconds AERO aeronautical Mo morse code Al alternating B black N nun OBSC obscured IQ interrupted quick Iso isophase LT HO lighthouse Bn beacon Oc occulting SFC sector Or orange Q quick R red Ra Ref radar reflector C can M nautical mile St M statute miles DIA diaphone m minutes VQ very quick W white F fixed FI flashing WHIS whistle Mkr marker R Bn radiobeacon Y yellow Bottom characteristics: Blds boulders so soft Sh shells sy sticky Co coral bk broken Cy clay G gravel Grs grass Miscellaneous Obstn obstruction PD position doubtful Subm submerged ED existence doubtful PA position approximate Rep reported .21. Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.

TIDAL INFORMATION PLACE Height referred to datum of soundings (MLLW)					
PLACE		Height referred to datum or soundings (MLLW)			
NAME	(LAT/LONG)	Mean Higher High Water	Mean High Water	Mean Low Water	
Rudyerd Bay	(55°38'N/130°39'W)	feet 15.7	feet 14.8	feet 1.5	
Dashes () located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the internet from http://tidesandcurrents.noaa.gov.					

SOUNDINGS IN FATHOMS

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.



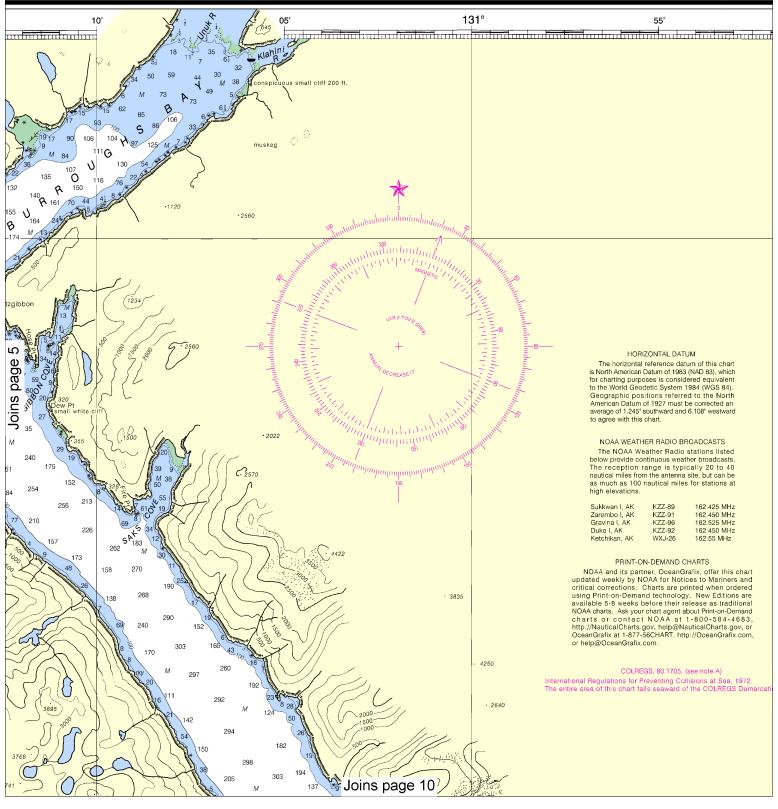


This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:106667. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.



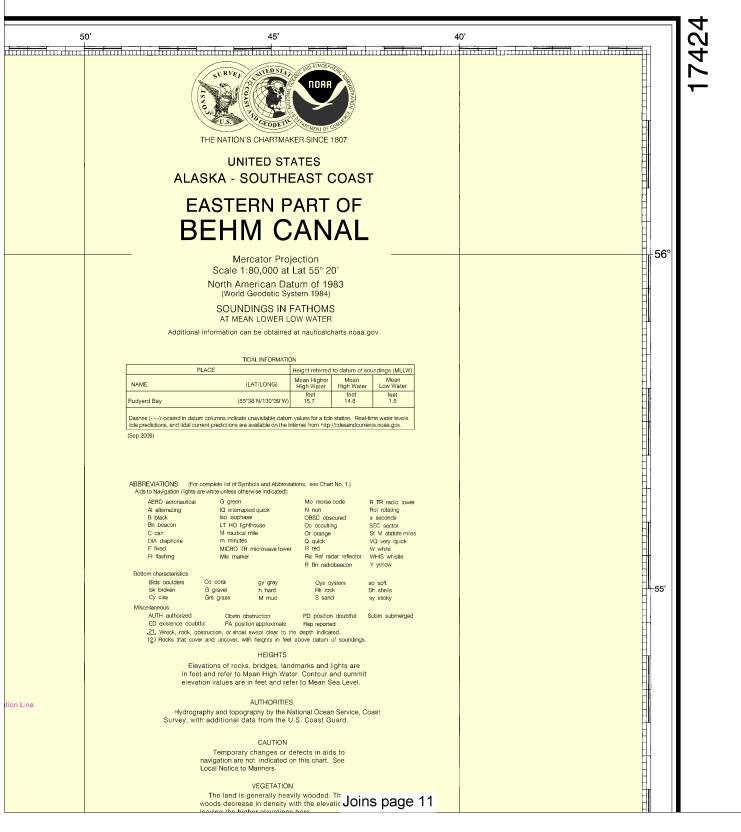
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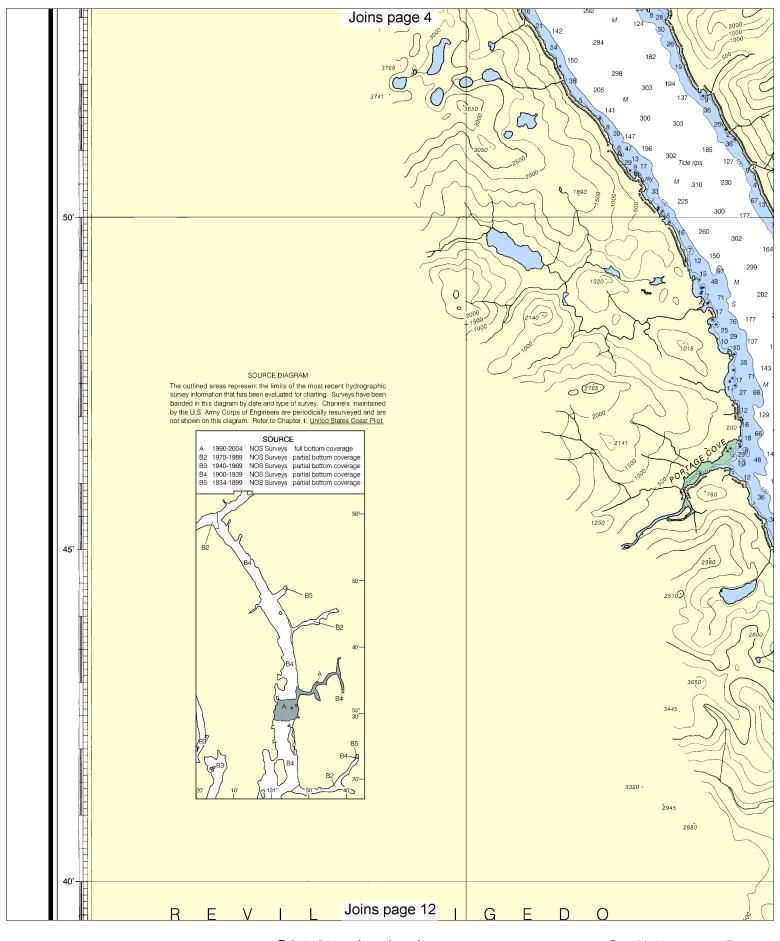
Formerly C&GS 8078, 1st Ed., Mar. 1934 H-1933-396 KAPP 2737



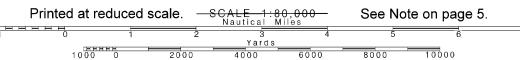


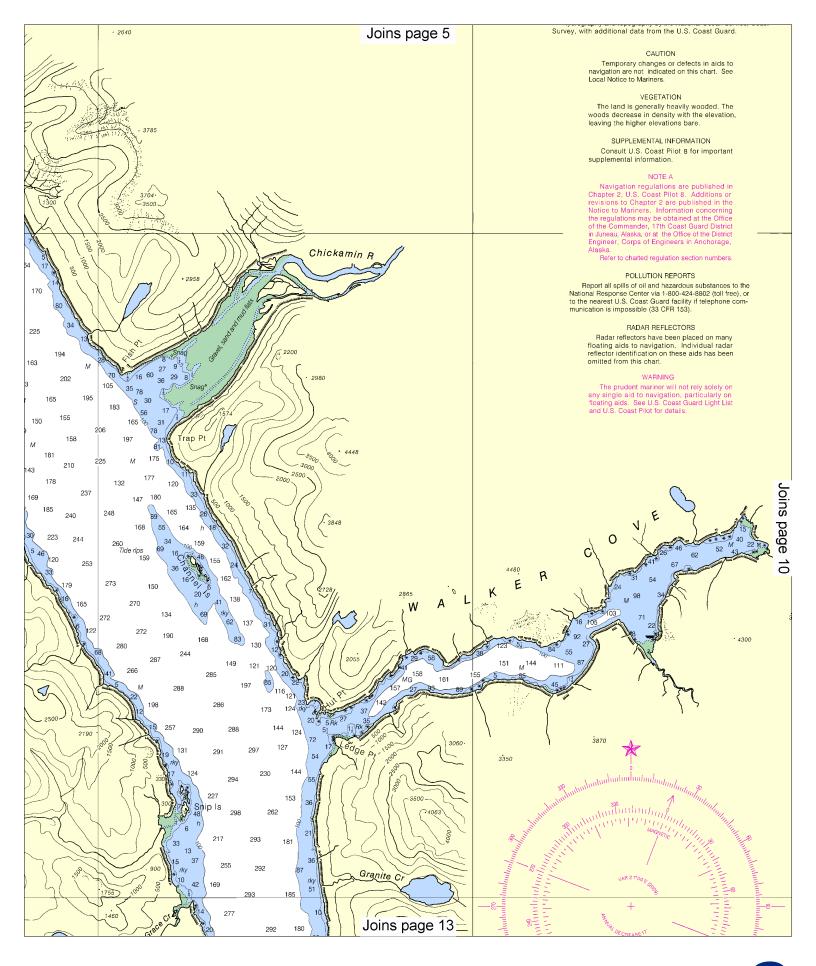


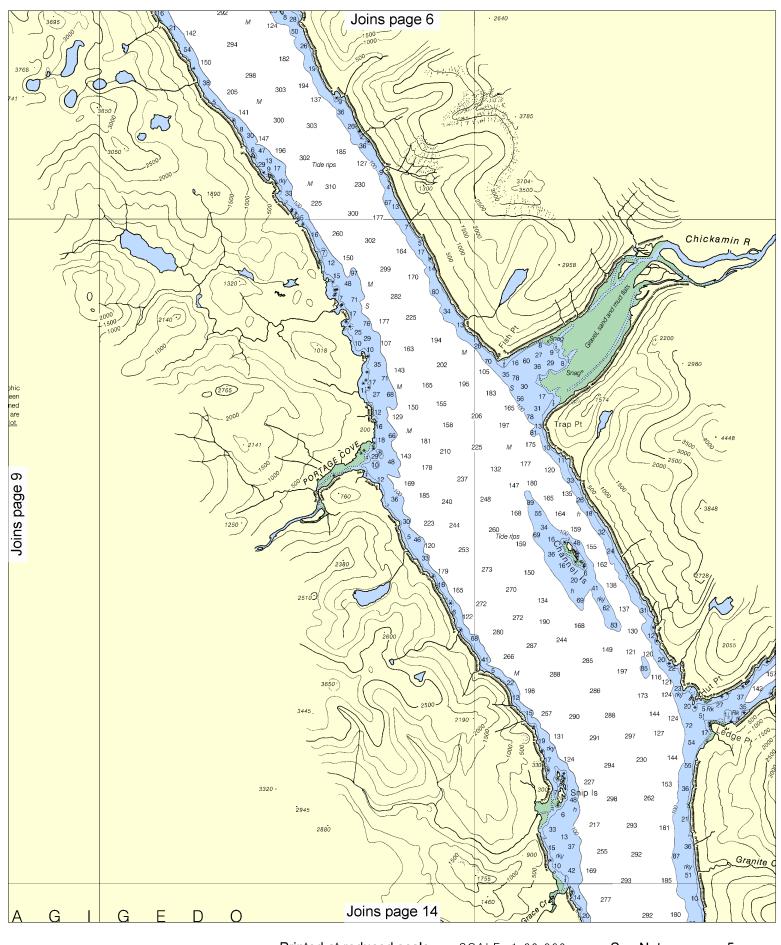


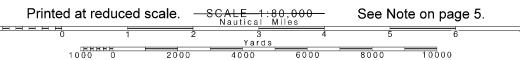


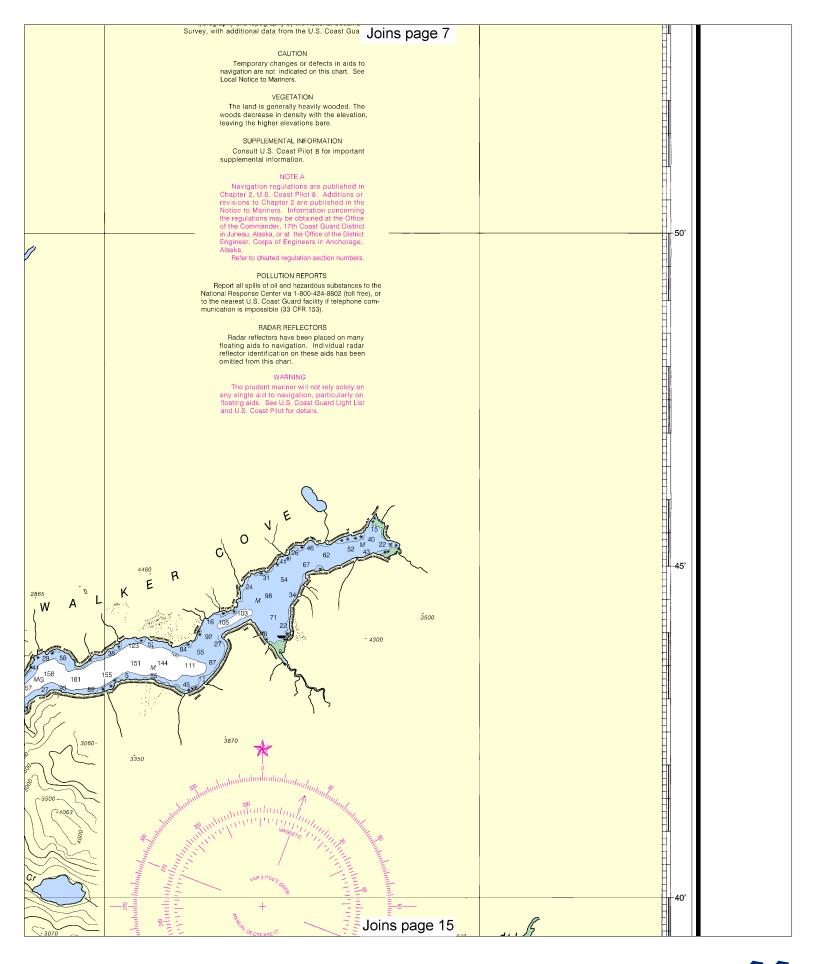


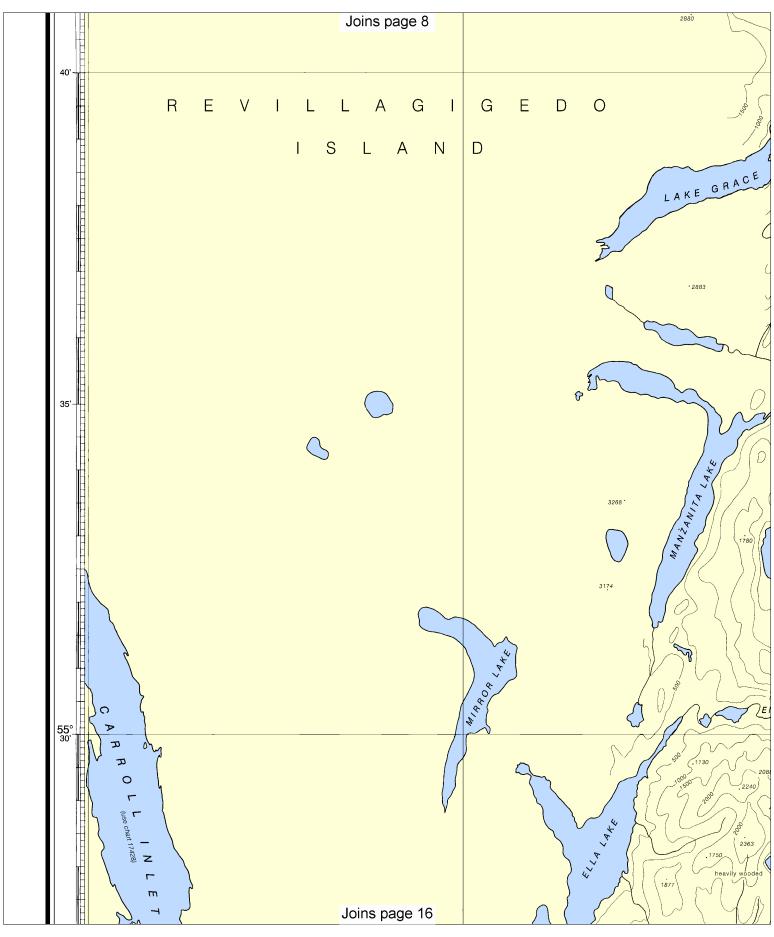


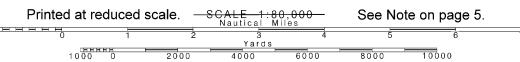


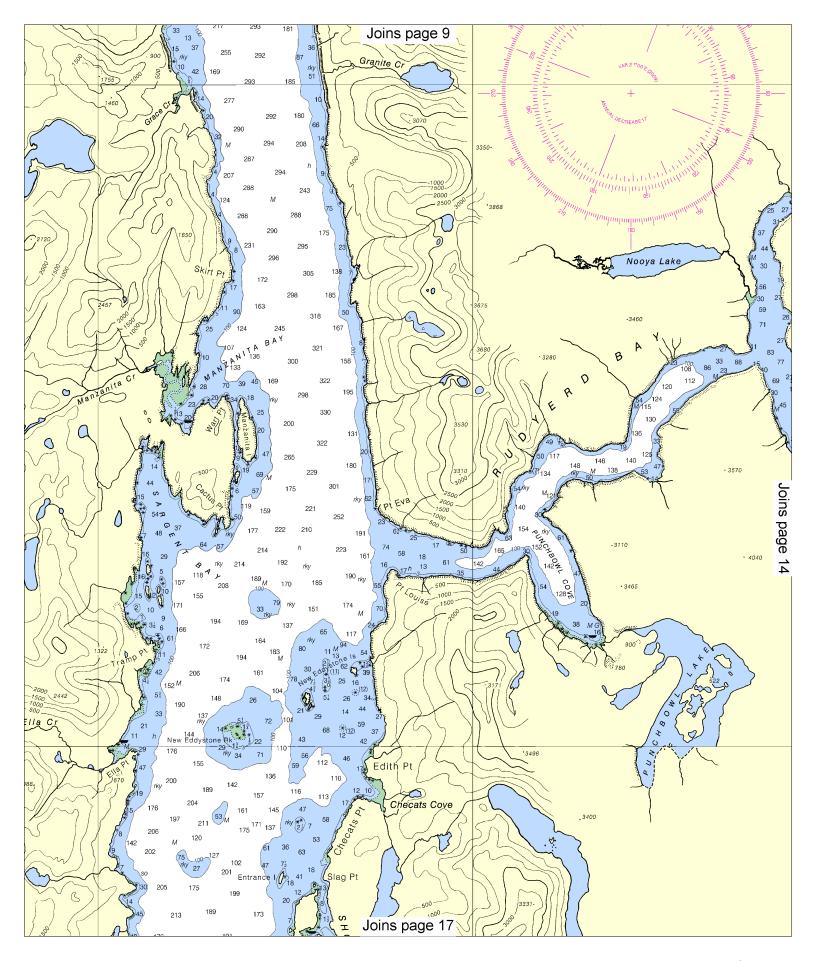


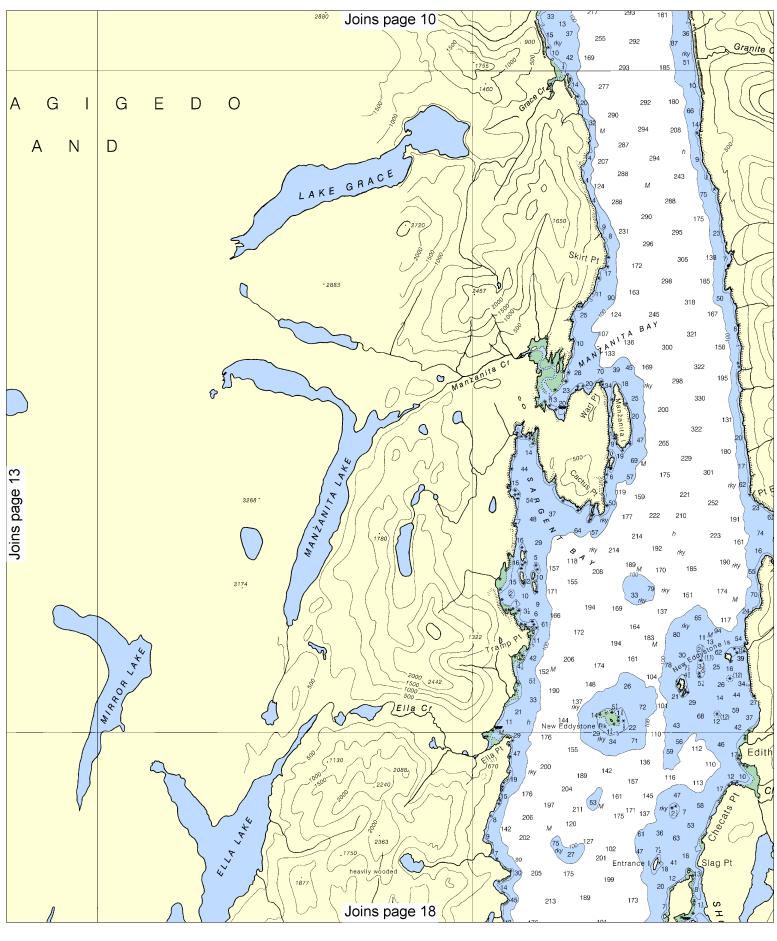




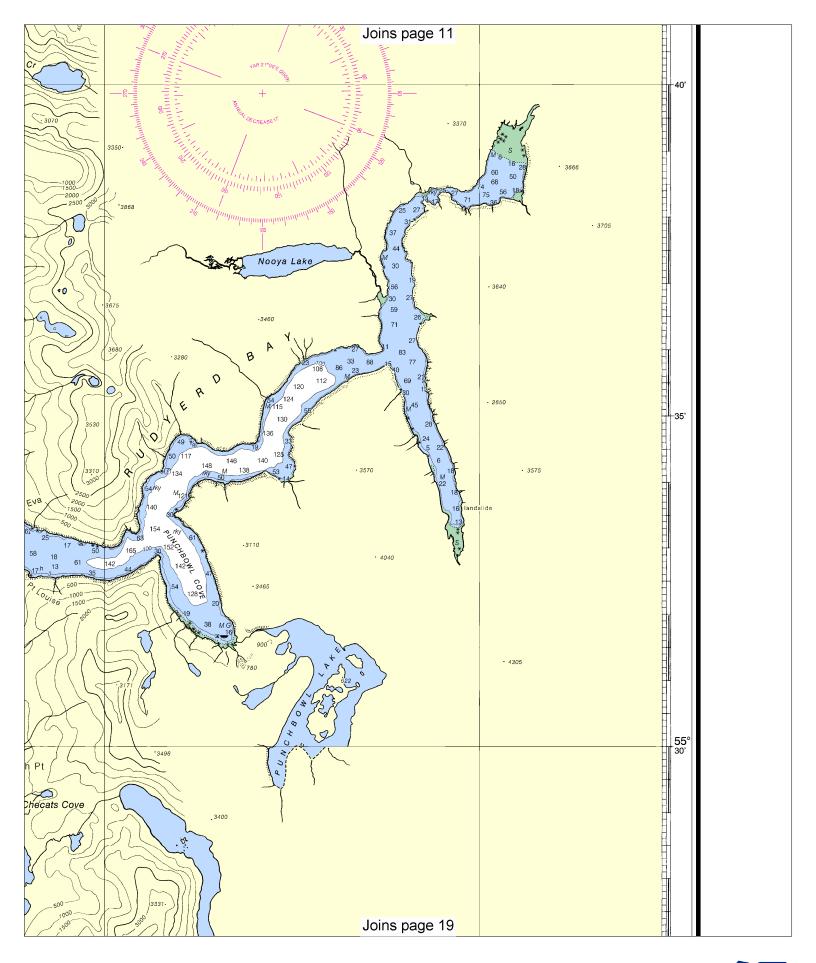


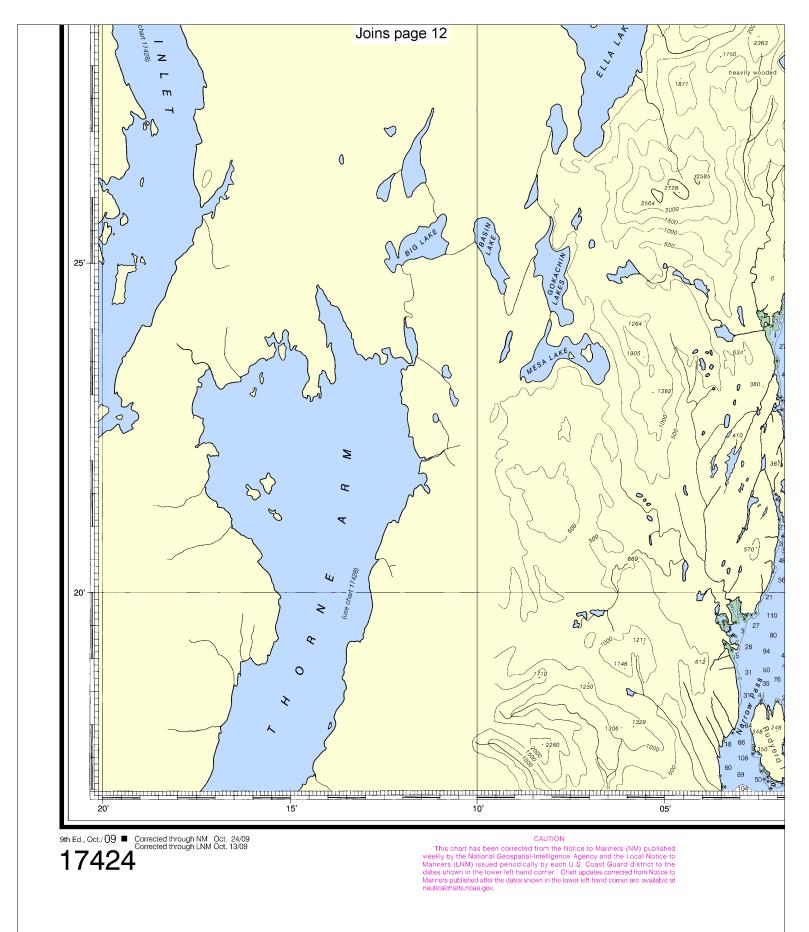




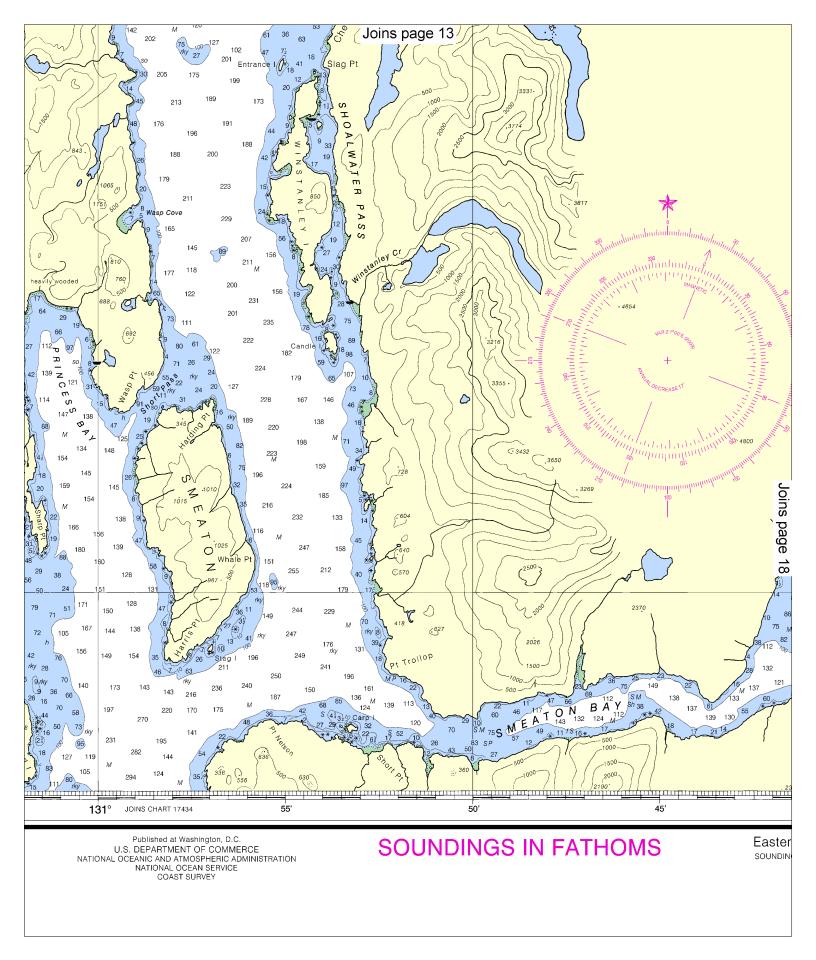


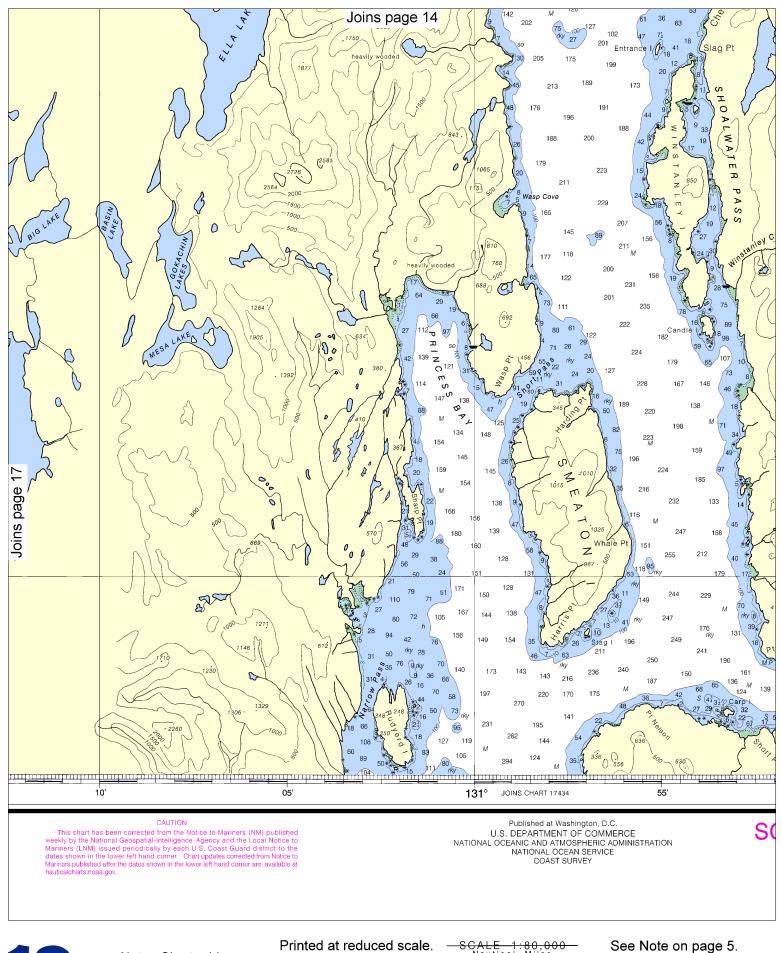




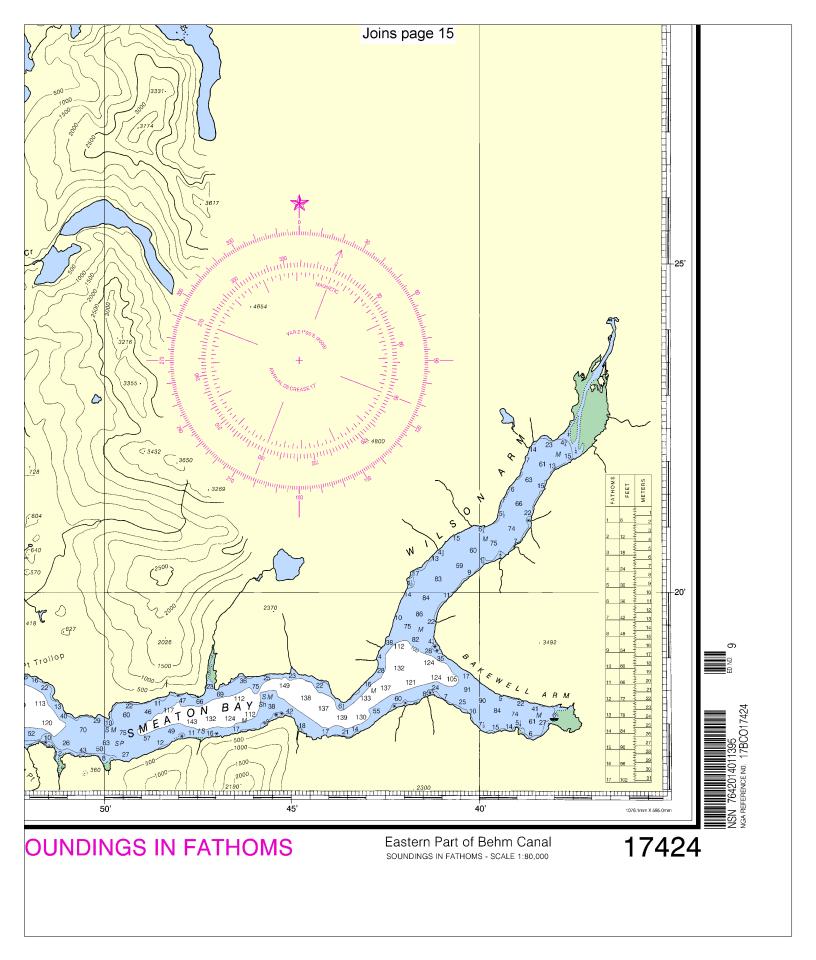














VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here. Channels 68, 69, 71, 72 and 78A – Recreational boat channels.

Getting and Giving Help — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of

Emergency; Number of People on Board.

- · Release transmit button.
- Wait for 10 seconds If no response Repeat MAYDAY call.

HAVE ALL PERSONS PUT ON LIFE JACKETS!



NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

http://www.nws.noaa.gov/nwr/

Quick References

Nautical chart related products and information — http://www.nauticalcharts.noaa.gov

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Chart and chart related inquiries and comments — http://ocsdata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs

Chart updates (LNM and NM corrections) — http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html

Coast Pilot online — http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm

Tides and Currents — http://tidesandcurrents.noaa.gov

Marine Forecasts — http://www.nws.noaa.gov/om/marine/home.htm

National Data Buoy Center — http://www.ndbc.noaa.gov/

NowCoast web portal for coastal conditions — http://www.nowcoast.noaa.gov/

National Weather Service — http://www.weather.gov/

National Hurrican Center — http://www.nhc.noaa.gov/

Pacific Tsunami Warning Center — http://ptwc.weather.gov/

Contact Us — http://www.nauticalcharts.noaa.gov/staff/contact.htm



For the latest news from Coast Survey, follow @nauticalcharts



This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.

